



INTEGRATED DRILLING & WELL SERVICES Co., Ltd,  
A MEMBER OF THE **INA** GROUP

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# MIDCO 501

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## 1500 HP Drilling Rig

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### **RATED DRILLING DEPTH:**

5500 m with 5" D.P.

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### **SUBSTRUCTURE:**

Height: 9.14 m (30 ft)

Height under rotary beams: 8.23 m (27 ft)

Set Back: 272 mt

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### **MAST:**

Dreco 43.28 m (142 ft)

Capacity: 500 mt

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### **CROWN BLOCK:**

No of sheaves: 6+1

Grooved: 1 3/8"

Capacity: 500 mt

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### **TRAVELLING BLOCK & HOOK:**

McKissick-684G & JOY-550

Capacity: 500 mt

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### **SWIVEL:**

Oilwell PC 500

Capacity: 454 mt

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### **DRAWWORKS:**

Mid Continent U914EC 1500 HP, 2 x GE 752 R, 750 kW each

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### **TOP DRIVE:**

Aker Maritime Hydraulic PTD 500 AC

Capacity: 454 mt

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### **ROTARY TABLE:**

National-Oilwell B-27 1/2, 27 1/2"

Capacity: 454 mt



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### **POWER PLANT:**

Diesel Engines: 5x Cat D 399, 930 kW each

Generators: AC, 5 x Kato Engineering, Total output power 5790 kVA

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### **CONVERSION SYSTEM:**

Ross Hill AC-DC Type 1400

No of SCRs: 4

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### **MUD SYSTEM:**

Mud Pumps: 3 x Emsco FB 1300, each pump powered by 2 x GE 752 R, 660 kW each

Mud Tanks: 6, Total capacity: 450 m<sup>3</sup>

Water Tanks: 2, Total capacity: 160 m<sup>3</sup>

Shale Shaker: 2 x Derrick FLC 2000

Mud Cleaner: Secondary Shale Shaker, Hungary made

Desander: Double Life 2 x 10"

Desilter: Brandt SMC-16 16 x 4"

Mud/Gas Separator: Atmospheric

Degasser: Swaco, Vacuum